

FIG. 3

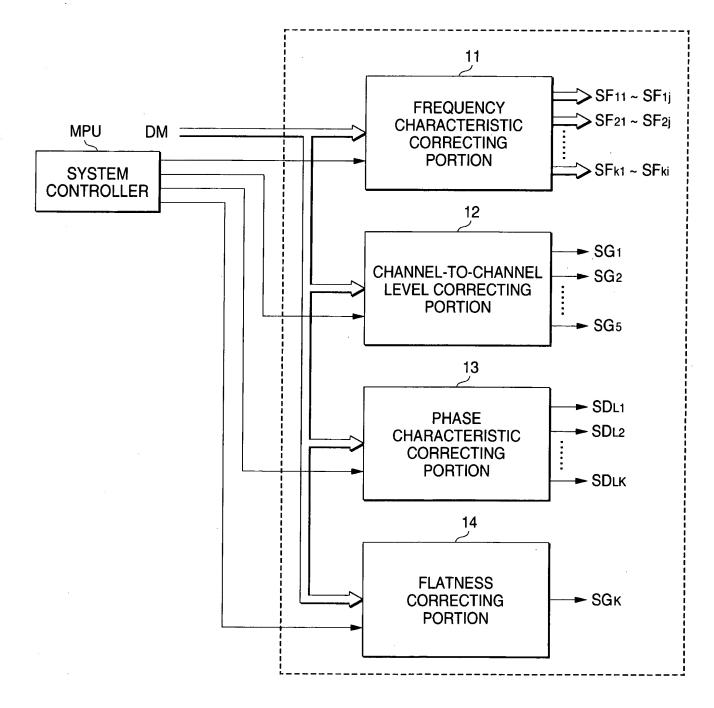


FIG. 4 15a 15d Dмн Рмн MIDDLE/HIGH FREQUENCY DM **BAND PROCESSING PORTION** (EXCEPT SUBWOOFER) 15b $\mathsf{D}\mathsf{L}$ PL**LOW FREQUENCY CALCULATING** BAND PROCESSING PORTION ➤ SGk **PORTION** (EXCEPT SUBWOOFER) 15c DWFL **PWFL** SUBWOOFER LOW FREQUENCY BAND PROCESSING PORTION (ONLY SUBWOOFER)

FIG. 5

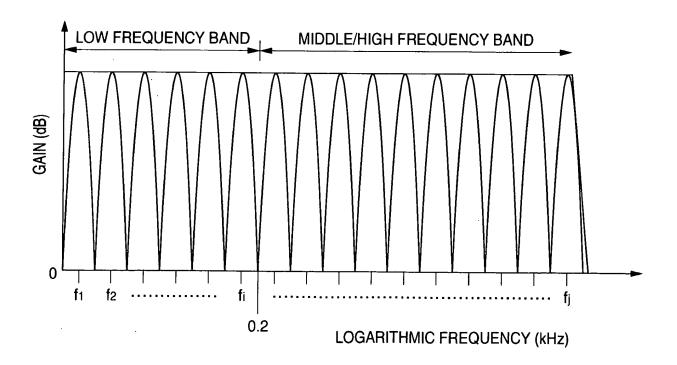


FIG. 6

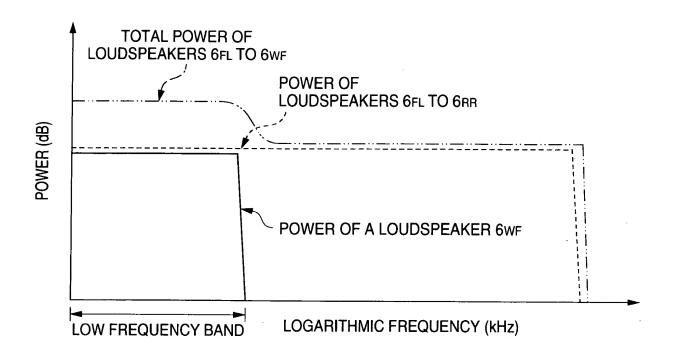


FIG. 7

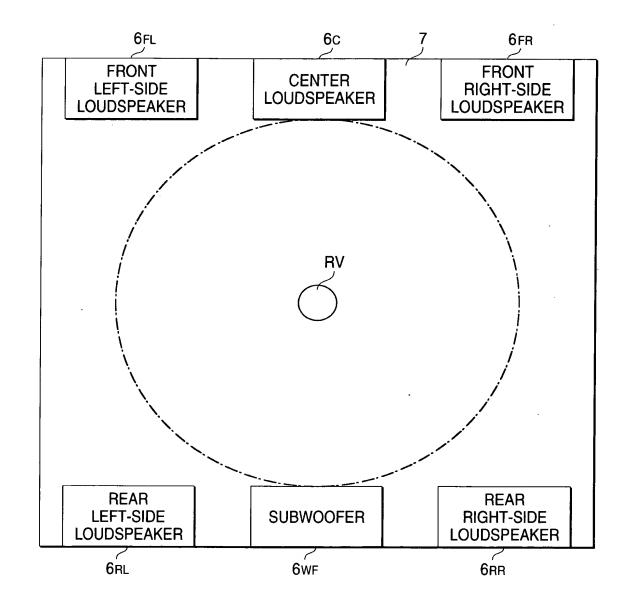
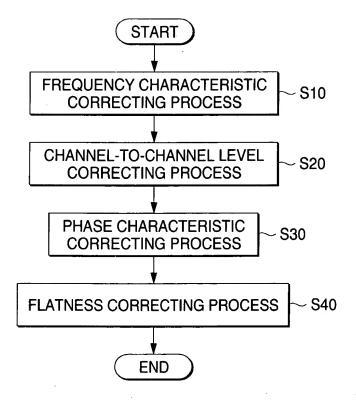


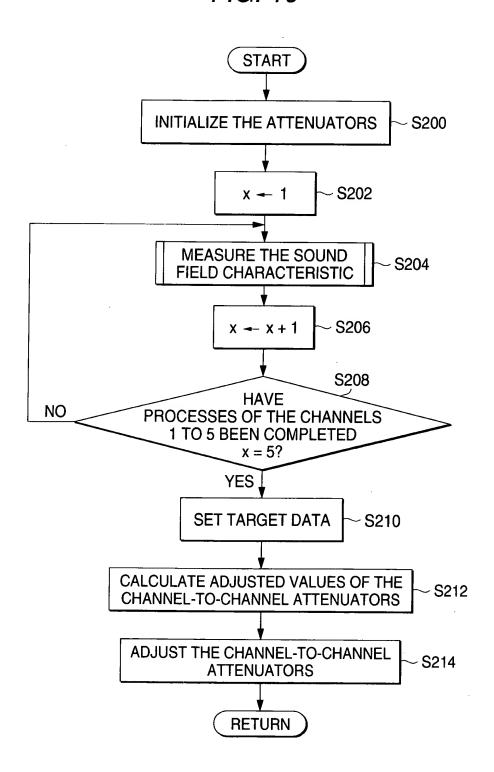
FIG. 8



8/11 FIG. 9 **START INITIALIZE THE ATTENUATORS** - S100 - S102 MEASURE THE SOUND S104 FIELD CHARACTERISTIC SET A TARGET CURVE - S106 ~ S108 **CALCULATE ADJUSTED** S114~ J - J+1 S110 VALUES Fn (x, J) S112 NO J = j? x - x + 1, J - 1S118~ YES, **S116** NO x = k? YES NORMALIZING PROCESS -S120 S124 n - 1 S122 NO n = 1? YES CALCULATE THE ATTENUATION FACTORS SF_{xj} , ADJUST THE ATTENUATION FACTORS - S126 OF THE INTER-BAND ATTENUATORS

END

FIG. 10



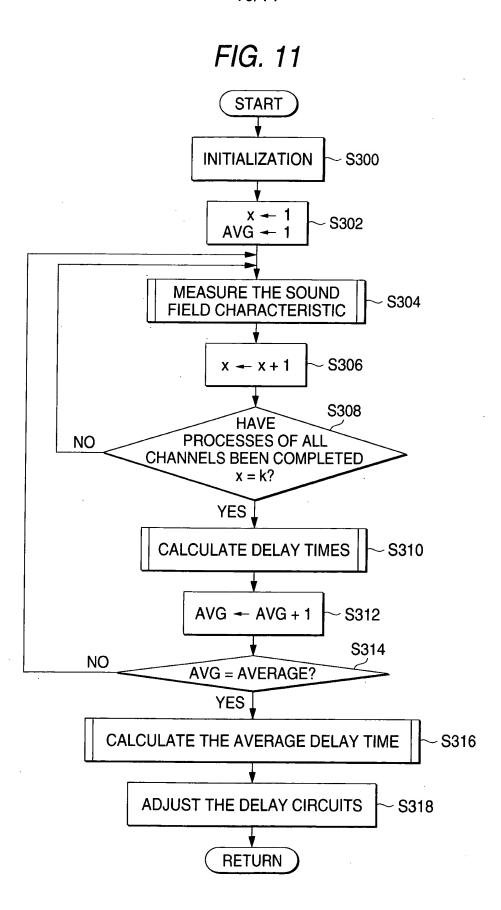


FIG. 12

